

SPECIFICATION AMENDMENTS

Please amend the specification at paragraphs 160-161 as follows:

[0160] In summary, the present invention teaches of a definable radio and a method of operating a wireless network of definable radios. The method and apparatus enable communication with multiple external radio networks operating using disparate RF capabilities. The network of definable radios further allows resources to be shared across the group via the wideband backbone. That is, each two-channel radio can use a different RF capability, can be tuned to a different narrowband channel, and can share information over the wideband backbone. Consequently, each two-channel radio can effectively operate as an N+1 channel radio, where N is the number of radios in the network, to virtually monitor multiple external networks concurrently. In addition, for large amounts of information that is time critical, data can be sent via multiple narrowband channels and recombined on the receiving end, thereby increasing the effective throughput of a single one of the radios by a factor of N radios. The physical separation of external transceivers in different radios resolves issues related to interference caused by transmit power entering the radio through the receive path, and/or isolation problems between circuits residing in a single one of the radios. Furthermore, when looking at a group of nodes as a single virtual node, any single node failure only causes minor degradation in performance because the other nodes continue to operate cooperatively. Moreover, the network of definable radios enables communication with multiple external radio networks without penalties in size, weight, or power.